

### **International Office**

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# EB05177 - Goat Anti-BAIAP2 (isoform 1) Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: BAIAP2, BAI1-associated protein 2, BAP2, IRSP53, FLAF3,

brain-specific angiogenesis inhibitor 1-associated protein 2, fas ligand-associated factor 3,

insulin receptor substrate p53, insulin receptor substrate p53/p58

Official Symbol: BAIAP2

Accession Number(s): NP\_059344.1

Human GeneID(s): 10458

Non-Human GenelD(s): 108100 (mouse), 117542 (rat)

Important Comments: This antibody is expected to recognise only human isoform 1

according to NP\_059344.1.

## **Immunogen**

Peptide with sequence C-SGSGTLVSTV, from the C Terminus of the protein sequence according to NP\_059344.1.

Please note the peptide is available for sale.

## **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 60kDa band observed in Human Brain lysates (calculated MW of

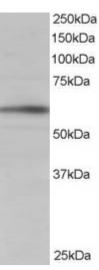
57.4kDa according to NP\_059344.1). Recommended for use at 1-3µg/ml.

IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5µg/ml.

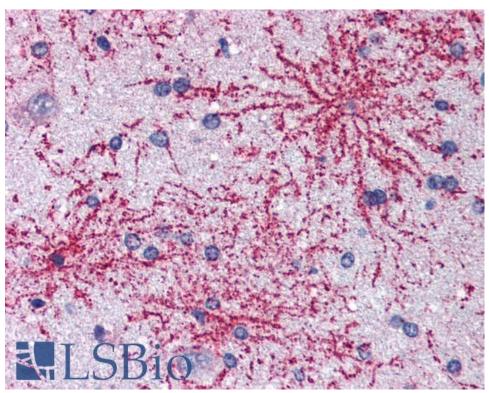
#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



EB05177 staining (1 $\mu$ g/ml) of Human Brain lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.



EB05177 (5μg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.